

SAPC- 12607

Copy 2 of 5

28 January 1957

Dear Burt:

Reference is made to my telephone conversation with you concerning Sid's System III antenna design and location.

You are requested to consider this letter as your authorization to proceed with the work necessary to make the new location and design of the antenna compatible with your System III. It is my understanding that this work involves approximately one man week of engineering and four man weeks of technician time to develop the proper impedance for the cabling.

Yours very truly,

George

SA/PC/DCI/JMcD:pf (1/28/57)

Distribution:

Orig - R-W
✓ Cy 2 - (corres)
3 - FOG file
4 -
5 - Chrono

SA/C

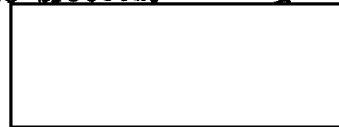
DOCUMENT NO. 17
NO CHANGE IN CLASS. X
() DECLASSIFIED
CLASS. CHANGED TO: TS S C
NEXT REVIEW DATE: 2011
AUTH: HR 100
DATE 13/1/81 REVIEWER: 010856

SAPG 12611
COPY / OF 1

11 January 1957

Dear George:

In reference to Russ' letter of 2 and 7 January, regarding our System 3 antenna design, Burt has called us and agreed to do the work. He said it would take about one manweek engineering and four manweeks technician time. Please authorize him to proceed.



25X1A

*Jim - please write a note to Burt, reference my
conversations with him and state this is written
authorization to proceed. Contract A-101, FOG reg.
for Sys. 3*

R/C

12252
1001002

D + P

8112

1/11/57

2 January 1957

Dear George:

We have arrived at an antenna design for our System 3 as installed in our four special articles. It consists of using the top portion of the rear fin as the principal receptor. This requires Kelly to cut a semicircular hole approximately eight inches in diameter through the skin on both sides and fill in the area with a non-conducting material. From the rear of the hole to the trailing edge of the fin he must also insulate the top portion of the fin from the bottom. This essentially makes a scimitar antenna. The other requirement is a properly matched lead from antenna to receiver.

25X1A

25X1A

Our man discussed fabrication with [redacted] Burt's antenna men. Henry said his part of the fabrication is no problem and he is ready to go. [redacted] said he could cut the hole in a model, which Henry has already sent him, measure the impedance and make a matched lead. Since this particular antenna work is a little touchy with Burt, I asked him to confirm by phone his ability to do it without interfering with System 4 and for an estimate of the magnitude of the job. He said the whole thing looked reasonable and he did not think it would cause any trouble; however, he promised me another call which he has not given. Our man says matching the impedance should take no more than one man week of engineering.

7 January 1957

A week has now passed since I spoke to Burt; on another call I queried [redacted] but still have had no answer. Would you try to jog them so we can get going? If they don't want to do it we can do it at Wright Field, but the three parties, Henry, [redacted] agreed that the job is so small it should be done on the west coast for convenience.

25X1A

25X1A

DOCUMENT NO. 18
NO CHANGE IN CLASS. 4
DECLASSIFIED
CLASS. CHANGED TO: TS S C 2011
NEXT REVIEW DATE: 2011
AUTH: HR 70-2
DATE: 13/11/81
REVIEWER: 012056

[redacted]

Discussed with [redacted] by phone today. No action on our part needed as I now since Russ & RW have gotten together. New letters coming in with [redacted] on 1/14/57
A-101 ✓
file
agrade
amb

25X1A